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R	AR	7	Cole, N.B., 6 273:797-801	et. al., "Diffusio I, American As	nal Mobility of Golgi Prot sociation for the Advance	eins in Membrane ement of Science	s of Living Cells," (1996)	Science	
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M	AT	7	Coruzzi, G., small subuni (1984)	et. al., "Tissue t of ribulose-1,	-specific and light-regula 5-biphosphate carboxyla	ted expression of a se," <i>EMBO J.</i> 3:16	a pea nuclear ger 371-1679, IRL Pro	ne encoding the ess Limited	
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01	AR	<u>8</u>	Cote, R.J., e Natl. Acad.	et. al., "Generatio Sci. 80:2026-203	n of human monoclonal antib 0, The National Academy of S	odies reactive Sciences (198	e with cellular a 33)	ntigens," <i>Proc.</i>	
27	AS	8	Crea, R., an Acids Res. I	Crea, R., and Horn, T., "Synthesis of oligonucleotides on cellulose by a phosphotriester method," Nuc. Acids Res. 8:2331-2348, IRL Press Limited (1980)					
07	AT	<u>8</u> ·	Creighton, T	.E., <i>Proteins: Str</i> 983)	uctures and Molecular Princip	oles, W.H. Fre	eeman and Co.,	New York, NY,	
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07	AR	9	Cumming, E Glycobiolog	D.A., "Glycosylati <i>y 1</i> :115-130, Oxf	on of recombinant protein the ord University Press (1991)	rapeutics: co	ntrol and functio	nal implications,"
07	AS	9	Dörr, U., et. al., "First Clinical Results with the Chimeric Antibody chCE7 in Neuroblastoma. Targeting Features and Biodistribution Data," Eur. J. Nucl. Med. 20:858, Springer International (1993)					
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П	AS	<u>10</u>	Dunphy, W.G., and Rothman, J.E., "Compartmentation of Asparagine-linked Oligosaccharide Processing in the Golgi Apparatus," <i>J. Cell. Bio.</i> 97:270-275, Rockefeller University Press (1983)					
M	AT	10	Dunphy, W. Oligosaccha	G., et. al., "Attac aride Occurs in C	hment of Terminal N-Acetylglu entral Cistemae of the Golgi S	cosamine to Stack," <i>Cell 4</i>	Asparagine-Lin <i>0</i> :463-472, MIT	ked (1985)
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H	AR	12	Galactosyltr	and Goldstein, I ansferase," <i>J. Bi</i> iology, Inc. (1988	.J., "Ehrlich Ascites Tumor Ce ol. Chem. 263:3354-3362, Am 3)	ell UDP-Gal:/ erican Socie	V-Acetyl-D-glucc ty for Biochemis	esamine β(1,4)- stry and
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02	АТ	12	Fanger, M.W (1989)	/., et. al., "Cytoto	exicity mediated by human Fc	receptors for	IgG," <i>Immunol</i> .	Today 10:92-99
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91	AR	13	Laser Desor	rption/lonization	f High-Performance Anion-E Time-of-Flight Mass Spectro n. 239:92-98, Academic Pres	metry to Monit	matography and or and Identify (Matrix-Assisted Oligosaccharide
M	AS	Fouser, L.A., et. al., "High Level Expression of a Chimeric Anti-Ganglioside GD2 Antibody: Genomic Kappa Sequences Improve Expression in COS and CHO Cells," <i>Biotech.</i> 10:1121-1127, Nature Pub. Co. (1992)						
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M	AR	14	linked Oligos	saccharide Prod	ld, S., "Evidence for Excessing and Lysosomal Biochemistry and Mole	Enzyme Ph	osphorvi	ation." J. Biol. C	Asparagine- Chem. 258:3159-
07	AS	14	their Influence	ce on Glycoprot	Oligosaccharides of Glein Properties," in <i>Fron</i> , Washington, DC, pp.1	tiers in Biop	rocessino	Affecting their s	Synthesis and t. al., eds.,
191	AT	14	Gossen, M., elements," 7	ssen, M., et. al., "Control of gene activity in higher eukaryotic cells by prokaryotic regulatory ments," <i>TIBTECH 12</i> :58-62, Elsevier Science Ltd. (1994)					
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91	AS	<u>15</u>	Grierson, D. Chapters 7-	Grierson, D., and Covey, S.N., <i>Plant Molecular Biology, 2nd edition</i> , Blackie Publishing, London, GB, Chapters 7-9 (1988)					
a	AT -	<u>15</u>	Griffiths, G., et. al., "The Dynamic Nature of the Golgi Complex," J. Cell Bio. 108:277-297, Rockefeller University Press (1989)						
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	AS	<u>16</u>	6N-Acetylglu	ucosaminyltransi	nd Characterization of UDP-N erase (N-Acetylglucosaminylt 614-619, Tokyo Japanese Bio	ransferase V	from a Human	lannoside β1- Lung Cancer
	АТ	<u>16</u>	Gurley, W.B Gene," <i>Mol</i> .	., <i>et. al.</i> , "Upstre <i>Cell. Bio</i> . 6:559-	am Sequences Required for E 565, American Society for Mid	Efficient Expre	ession of a Soyt	pean Heat Shock
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.01	AR	18	Hirschberg,	C.B., and Snide	r, M.D., "Topography of Glycos Rev. Biochem. 56:63-87, Annu	sylation in the	e Rough Endopl	asmic Reticulum
d	AS	<u>18</u>	Huse, W.D., Phage Lamb (1989)	Juse, W.D., et. al., "Generation of a Large Combinatorial Library of the Immunoglobin Repertoire in Phage Lambda," Science 246:1275-1281, American Association for the Advancement of Science 1989)				
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	AR	<u>19</u>	Jenkins, N., Enzyme Mic	and Curling, E.	.M.A., "Glycosylation o 6:354-364, Butterworth	f recombir h-Heinema	nant proteins ann (1994)	s: Problems and	f prospects,"
	AS	<u>19</u>	Jenkins, N., Biotechnol.	et. al., "Getting 14:975-981, Na	the glycosylation right ture Pub. Co. (1996)	t: Implication	ons for the t	piotechnology in	ndustry," Nat.
	AT	19	Köhler, G., a specificity,"	and Milstein, C., Nature 256:495	, "Continuous cultures -497, Nature Pub. Co.	of fused c (1975)	ells secretin	g antibody of p	redefined
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N	AR	20	Kagawa, Y.,	, <i>et. al.</i> , "Compar 1 and Recombina	ative Study of the Asparagine- ant Human Interferon-β1 Prod 5, American Society for Bioch	-linked Sugar	r Chains of Natu	nmalian Cells," J.
91	AS	<u>20</u>	Küster, B., et. al., "Sequencing of N-Linked Oligosaccharides Directly from Protein Gels: In-Gel Deglycosylation Followed by Matrix-Assisted Laser Desorption/Ionization Mass Spectrometry and Normal-Phase High-Performance Liquid Chromatography," Analyt. Biochem. 250:82-101, Academic Press (1997)					
N	AT	<u>20</u>	oligosacchai	Koenig, A., "Selectin inhibition: synthesis and evaluation of novel sialylated, sulfated and fucosylated bligosaccharides, including the major capping group of GlyCAM-1," <i>Glycobiology</i> 7:79-93, Oxford University Press (1997)				
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02	AR	<u>21</u>	Kolber, M.A. dye bis-carb Publishers E	oxyethyl-carbox	rement of cytotoxicity by target yfluorescein (BCECF)," <i>J. Imm</i>	t cell release nunol. Meth.	and retention o 108:255-264, El	f the fluorescent sevier Science
M	AS	<u>21</u>	Kornfeld, R. 54:631-664,	Kornfeld, R., and Kornfeld, S., "Assembly of Asparagine-Linked Oligosaccharides," <i>Ann. Rev. Biochem.</i> 54:631-664, Annual Reviews Inc. (1985)				
N	AT	<u>21</u>	Kozbor, D., a	ozbor, D., and Roder, J.C., "The production of monoclonal antibodies from human lymphocytes," nmunol. Today 4:72-79, Elsevier Biomedical Press (1983)				
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ign	AS	22	Lis, H., and Sharon, N., "Protein glycosylation: Structural and functional aspects," Eur. <i>J. Biochem.</i> 218:1-27, FEBS (1993)					
09	AT	22	Lloyd, K.O., et. al., "Comparison of O-Linked Carbohydrate Chains in MUC-1 Mucin from Normal Breast Epithelial Cell Lines and Breast Carcinoma Cell Lines," J. Biol. Chem. 271:33325-33334, American Society for Biochemistry and Molecular Biology, Inc. (1996)					
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37	AR	23	Lund, J., et	t. al., "Control o	of IgG/Fc Glycosylation: A se Subclass Immunoglobu	A Comparison of Olige	osaccharides fro	om Chimeric 3, Pergamon
M	AS	23	Lund, J., et. al., "Oligosaccharide-protein interactions in IgG can modulate recognition by Fcy receptors," Res. Commun. 9:115-119, FASEB (1995)					
91	AT	23	Malhotra, F complemer	R., et. al., "Glycont via the mann	cosylation changes of IgG nose-binding protein," <i>Nat</i>	associated with rheu t. Med. 1:237-243, Na	umatoid arthritis ature Pub. Co. (can activate 1995)
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91	AR	24	Marshall, E. Advanceme	, "Gene therapy's nt of Science (19	s growing pains," <i>Science 20</i> 95)	59:1050-1055,	American Assoc	ciation for the	
M	AS	24	Matteucci, M.D., and Caruthers, M.H., "The Synthesis of Oligodeoxypyrimidines on a Polymer Support," Tetrahedron Letters 21:719-722, Pergamon Press Ltd. (1980)						
N	AT	24	Misaizu, T., Recombinar (1995)	Misaizu, T., et. al., "Role of Antennary Structure of N-Linked Sugar Chains in Renal Handling of Recombinant Human Erythropoletin," <i>Blood 86</i> :4097-4104, The American Society of Hematology (1995)					
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R	AR	<u>25</u>	Moremen, K Glycobiolog	Moremen, K.W., et. al., "Glycosidases of the asparagine-linked oligosaccharide processing pathway," Glycobiology 4:113-125, Oxford University Press (1994)					
01	AS	<u>25</u>	Morgan, A., necessary fo	Morgan, A., et. al., "The N-terminal end of the C _H 2 domain of chimeric human IgG1 anti-HLA-DR is necessary for C1q, FcγRI and FcγRIII binding," Immunol. 86:319-324, Blackwell Science Ltd. (1995)					
H	AT	25	Morrison, S. human cons (1984)	Morrison, S.L., et. al., "Chimeric human antibody molecules: Mouse antigen-binding domains with human constant region domains," Proc. Natl. Acad. Sci. 81:6851-6855, National Academy of Sciences (1984)					
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N	AS	<u>26</u>	Acetylgluce GlcNAcβ1,	osamine β-4-G 2Manα1,3- Bra	Control of Glycoprotein Sy alactosyltransferase Cata inch of both Bisected and Biochem. 24:1694-1700	alyzes the Preferential Nonbisected Comp	al Transfer of Ga lex Biantennary	alactose to the Asparagine-
N.	AT	<u>26</u>	Matrix-assi	sted Laser Des	y, D.J., "Effect of Structur corption/lonization Mass s mun. Mass Spectrom. 10	Spectrometry on Tim	e-of-flight and N	Magnetic Sector
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01	AS	27	Nilsson, T., 574, Oxford	Nilsson, T., et. al., "Kin recognition between medial Golgi enzymes in HeLa cells," EMBO J. 13:562-574, Oxford University Press (1994)				
.07	АТ	<u>27</u>	Nilsson, T., Cells," J. Ce	et. el., "Overlapp ell Biol. 120:5-13,	ning Distribution of Two Glyco Rockefeller University Press	transferases i (1993)	n the Golgi App	aratus of HeLa
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91	AS	<u>28</u>	mannoside	Nishikawa, A., et. al., "Purification, cDNA Cloning, and Expression of UDP-N-acetylglucosamine:β-D-mannoside β-1,4N-Acetylglucosaminyltransferase III from Rat Kidney," J. Biol. Chem. 267:18199-18204, American Society for Biochemistry and Molecular Biology, Inc. (1992)				
Ol.	AT	<u>28</u>	Hepatoblast	toma Cell Lines	ic Basis of Sugar Struc : Correlation with Activi ases III and V," <i>Int. J. C</i>	ities of a1-6 Fucosylt	transferase and I	N-
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ol	AS	29	Acetylgluco	Pâquet, M.R., et. al., "Branch Specificity of Purified Rat Liver Golgi UDP-galactose:N-Acetylglucosamine β-1,4-Galactosyltransferase," <i>J. Biol. Chem.</i> 259:4716–4721, American Society for Biochemistry and Molecular Biology, Inc. (1984)					
bZ	AT	29	Page, M.J., CAMPATH-	and Sydenha	am, M.A., "High Level I e Hamster Ovary Cells	Expression of the s," Biotechnology	Human 9:64-68	ized Monoclon , Nature Pub. (al Antibody Co. (1991)
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01	AR	<u>34</u>	Rothman, J American A	.E., and Wielan	d, F.T., "Protein Sorting ne Advancement of Scie	by Transport Vesick ence (1996)	es," Science 27	2:227-234,		
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